

FIG. 1

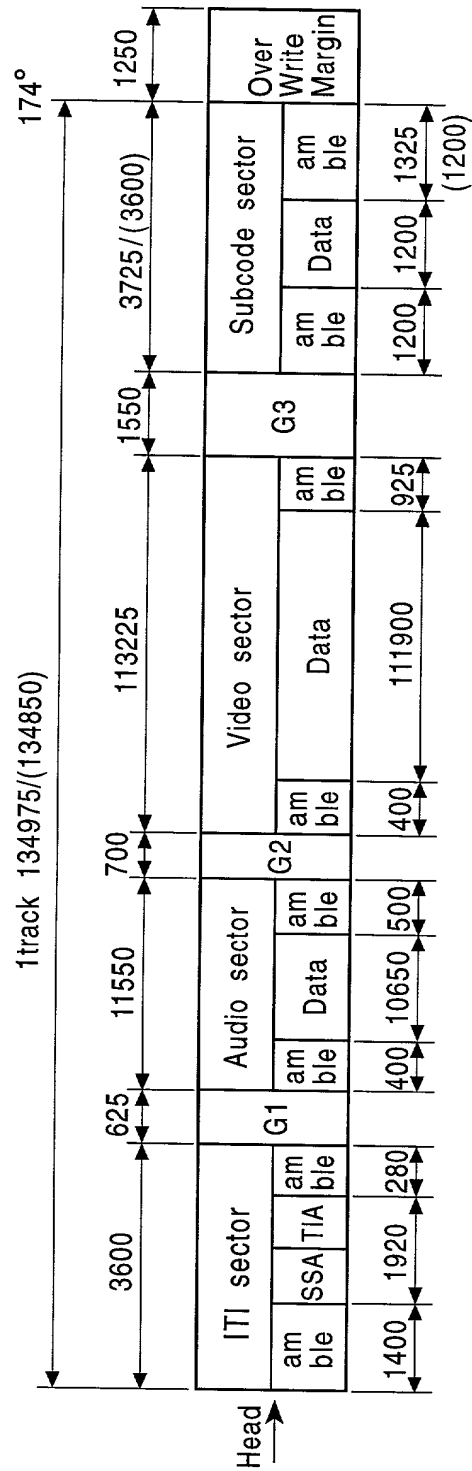


FIG. 2

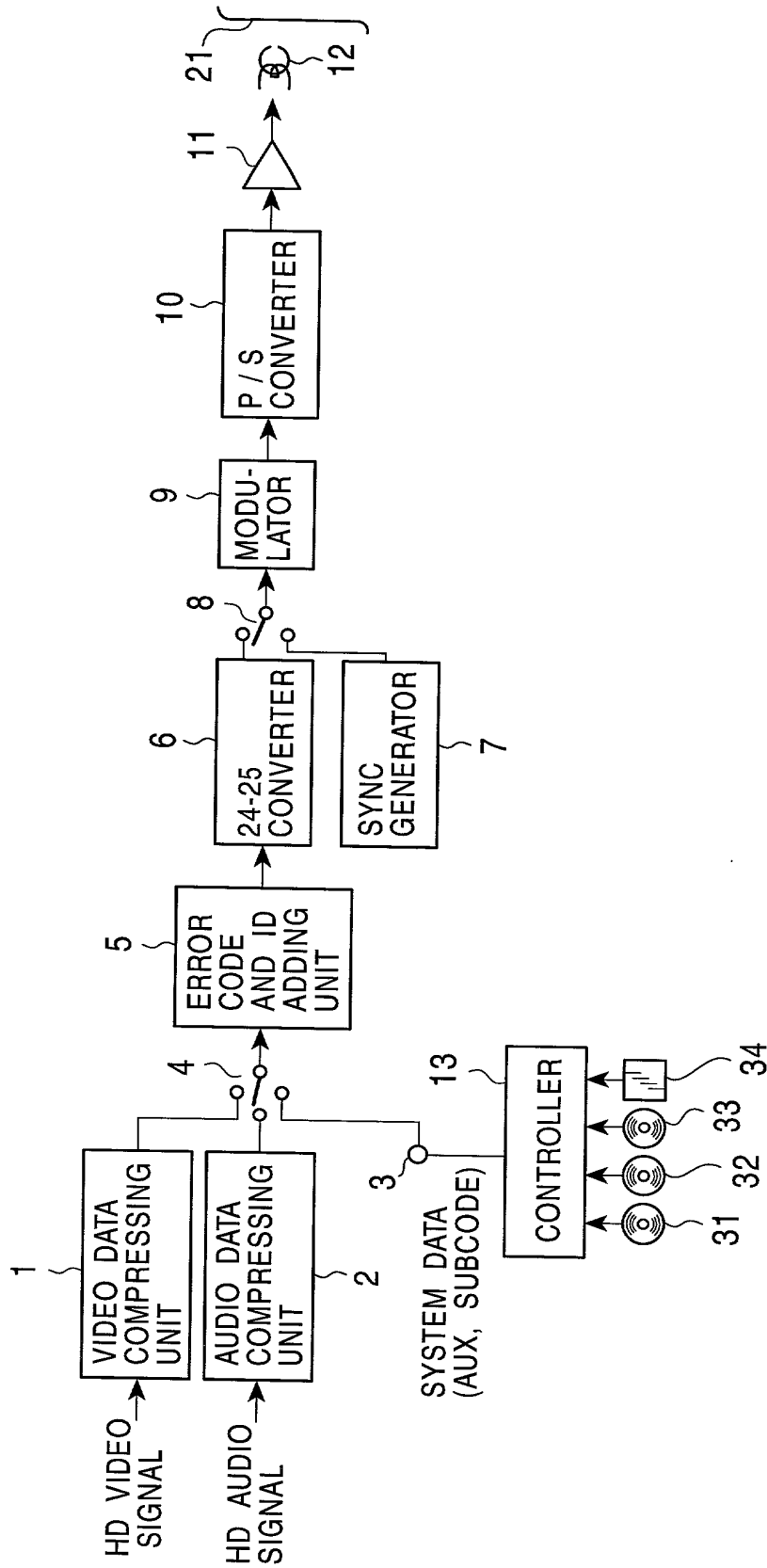


FIG. 3

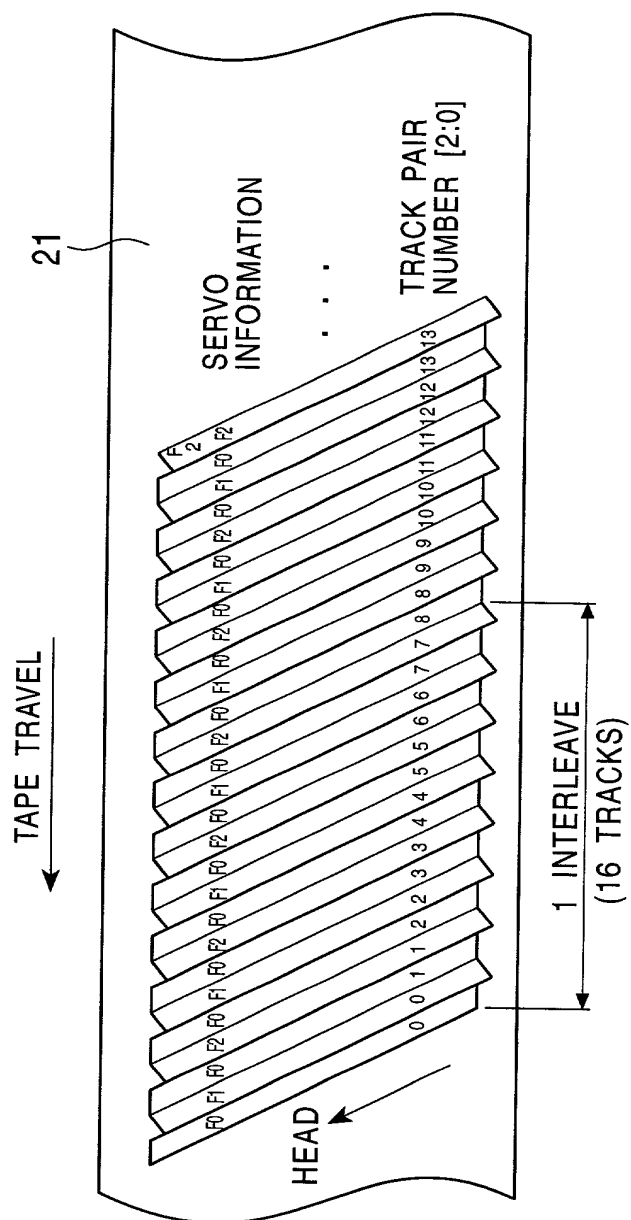


FIG. 4

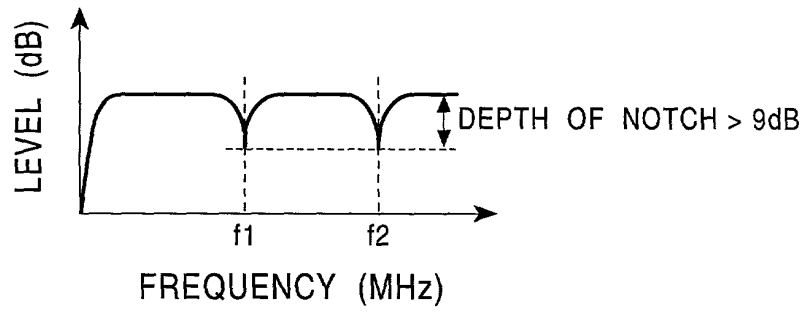


FIG. 5

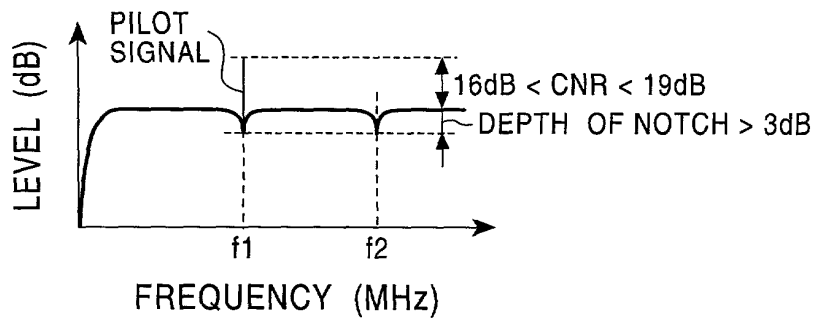


FIG. 6

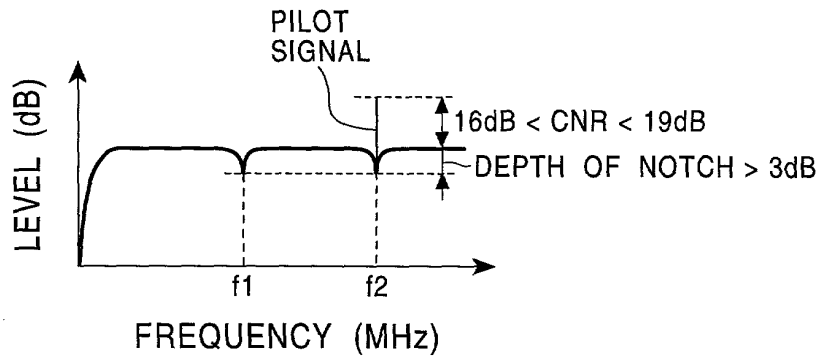




FIG. 9

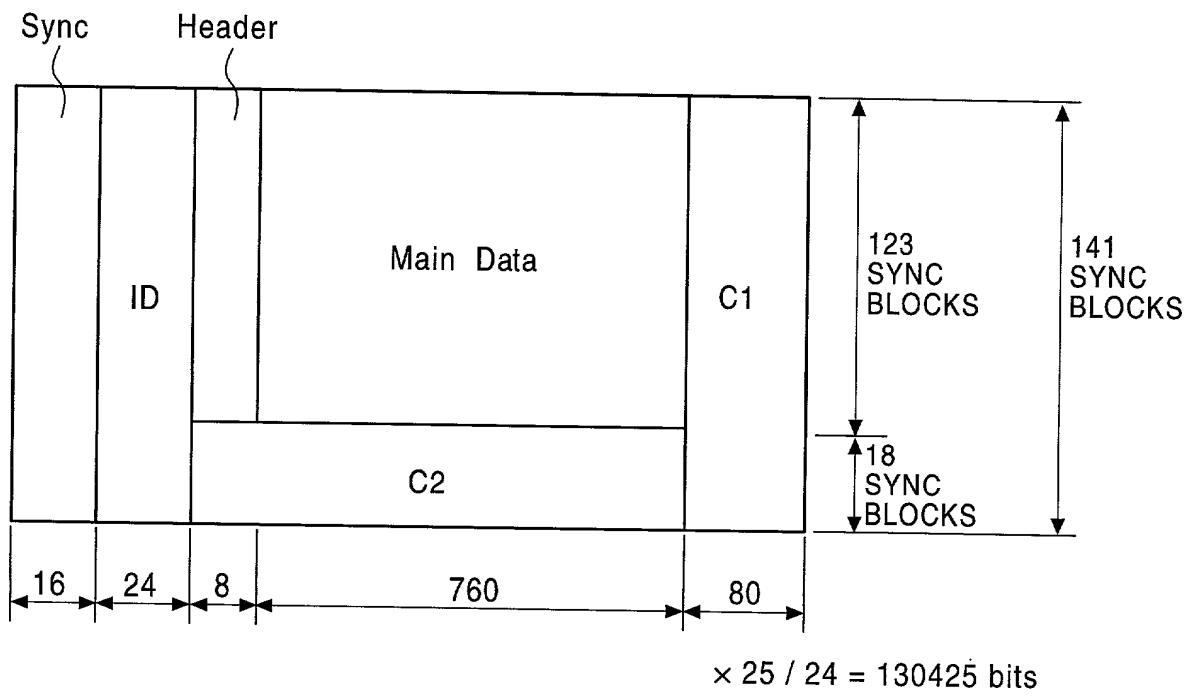


FIG. 10A

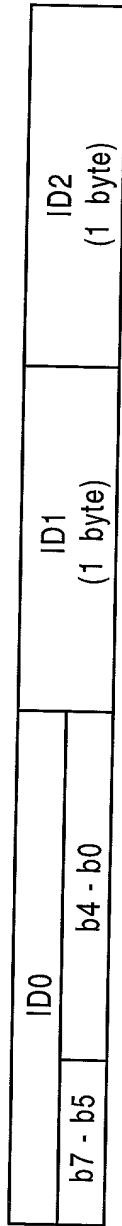


FIG. 10B

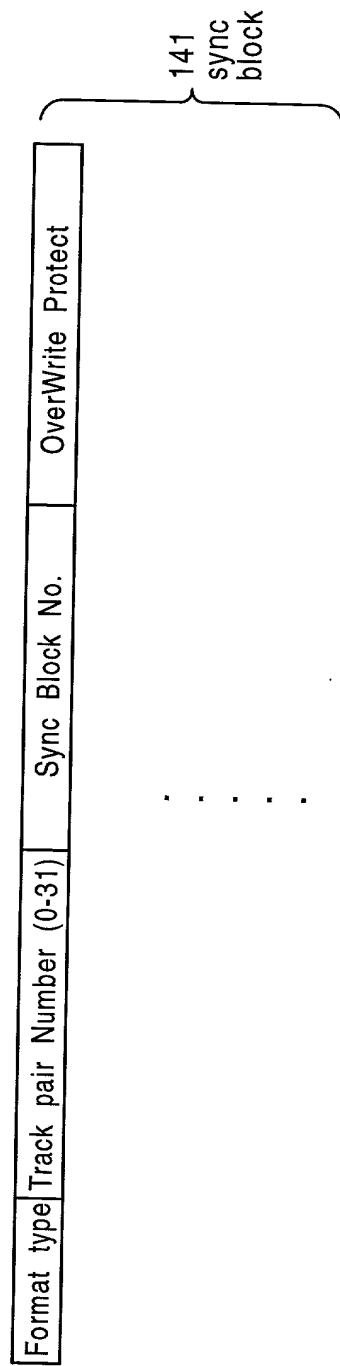


FIG. 11

TYPES OF MAIN DATA DETAILS			DETAILS				
b7	b6	b5	b4	b3	b2	b1	b0
0 PES-VIDEO			F/P	Continuity counter			
1 PES-AUDIO			F/P	Continuity counter			
2 SEARCH			V/A	Search speed			Res
3 AUX			AUX mode			Reserved	
4 TS-1H			Jump Flag		Time Stamp		
5 TS-2H			Continuity counter				
6 NULL			Reserved				
7 Reserved			Reserved				

P/F: Partial/Full  
V/A: video/audio



## FIG. 12

### SEARCH SPEED

- 0 : RESERVED
- 1 : 4-TIME SPEED
- 2 : 8-TIME SPEED
- 3 : RESERVED
- 4 : 16-TIME SPEED
- 5 : 32-TIME SPEED
- 6-7 : RESERVED

## FIG. 13

### AUX MODE

- |                |                    |
|----------------|--------------------|
| 0 : AUX-V      | (RELATED TO VIDEO) |
| 1 : AUX-A      | (RELATED TO AUDIO) |
| 2 : PES-PSI 1  | (PSI 1ST HALF)     |
| 3 : PES-PSI 2  | (PSI 2ND HALF)     |
| 4 : SYSTEM     | (EDIT INF ETC.)    |
| 5-7 : RESERVED |                    |

FIG. 14

KEY WORD	CLASS	DESCRIPTION
0	SUB	TTC
1	SUB	Binary Group
2	SUB	PART No.
3	SUB	CHAPTER START
4	SUB	ATNF (ATN+FLG)
5	SUB	REC data
6	SUB	REC time
7	SUB	Reserved
8	RES.	Reserved
:	RES.	Reserved
63	RES.	Reserved

FIG. 15

KEY WORD	CLASS.	DESCRIPTION
64	AUD.	AUD-FRAME
65	AUD.	Reserved
66	AUD.	Reserved
67	AUD.	Reserved
68	VID.	VID-FRAME
69	VID.	Reserved
70	VID.	Reserved
71	VID.	Reserved
72	A/V	UMID
73	A/V	Reserved
74	A/V	Reserved
75	A/V	Reserved
76	A/V	ASCII character message
77	A/V	shift JIS message
78	A/V	compressed data (text)
79	A/V	compressed data (binary)
80	SYS.	ECCTB
81	SYS.	Reserved
82	SYS.	Reserved
83	SYS.	Reserved
84	RES.	Reserved
:	RES.	Reserved
127	RES.	Reserved

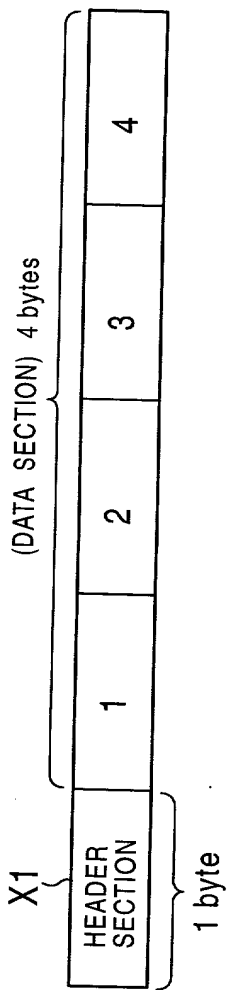


FIG. 16A

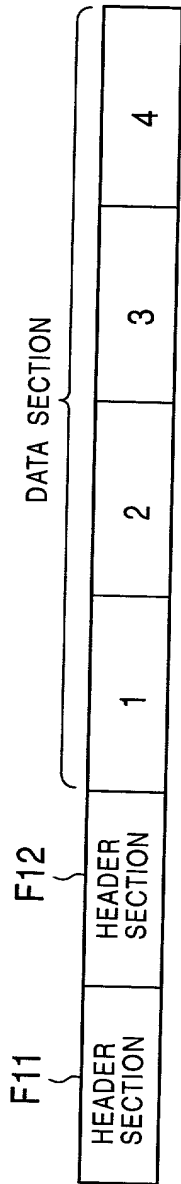


FIG. 16B

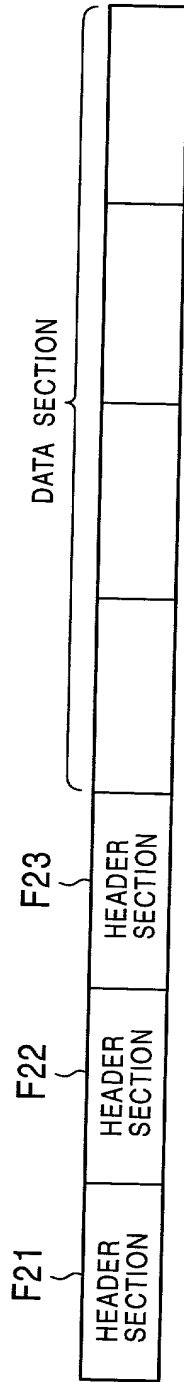


FIG. 16C

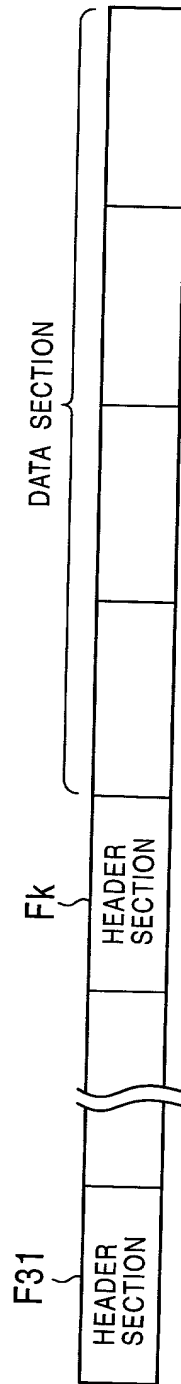


FIG. 16D

FIG. 17A

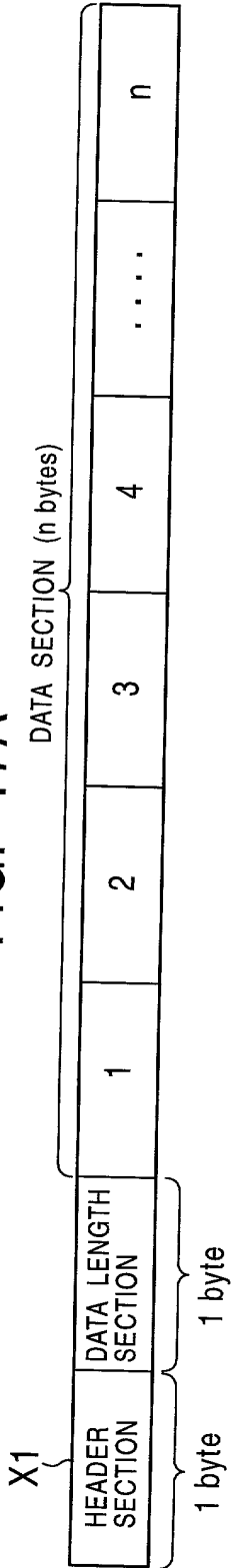


FIG. 17B

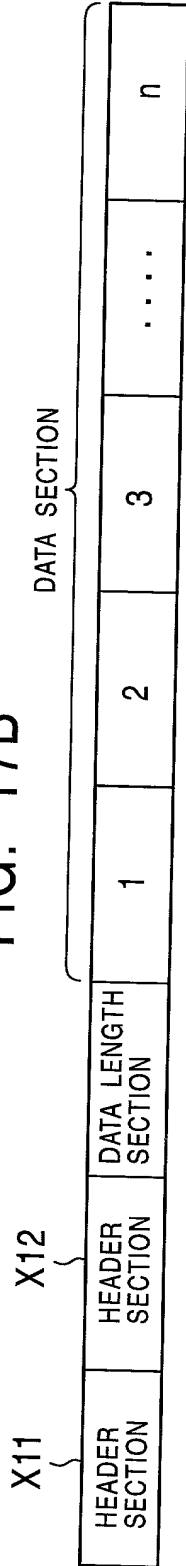


FIG. 17C

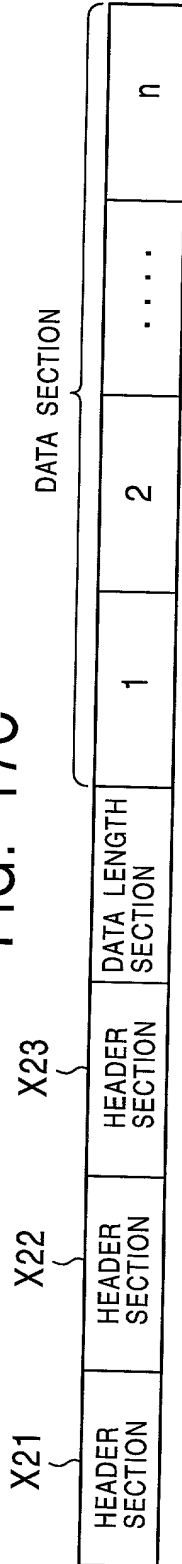


FIG. 17D

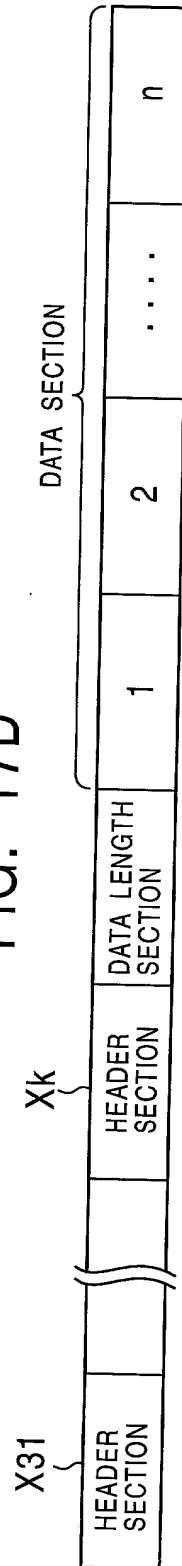


FIG. 18A

b7	KEY WORD EXTENSION	0: NOT EXTENDED 1: EXTENDED
b6	VALUE LENGTH	0: FIXED LENGTH 1: VARIABLE LENGTH
b5-b0	KEY WORD NO.	0~63, DEPENDING ON VALUE LENGTH

FIG. 18B

b7	KEY WORD EXTENSION	0: NOT EXTENDED 1: EXTENDED
b6-b0	KEY WORD NO.	0~127, DEPENDING ON VALUE LENGTH

FIG. 19

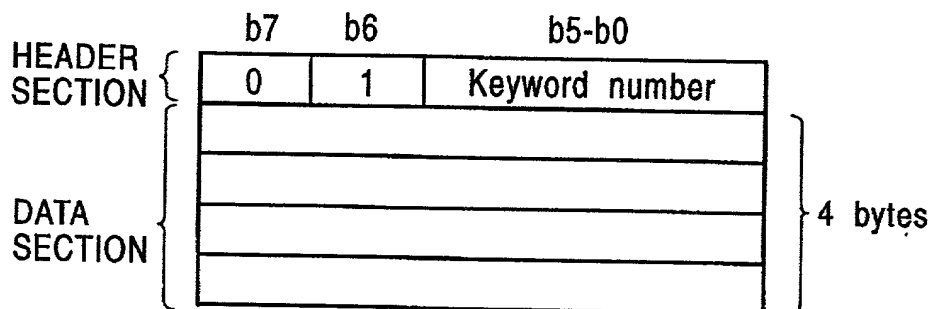


FIG. 20

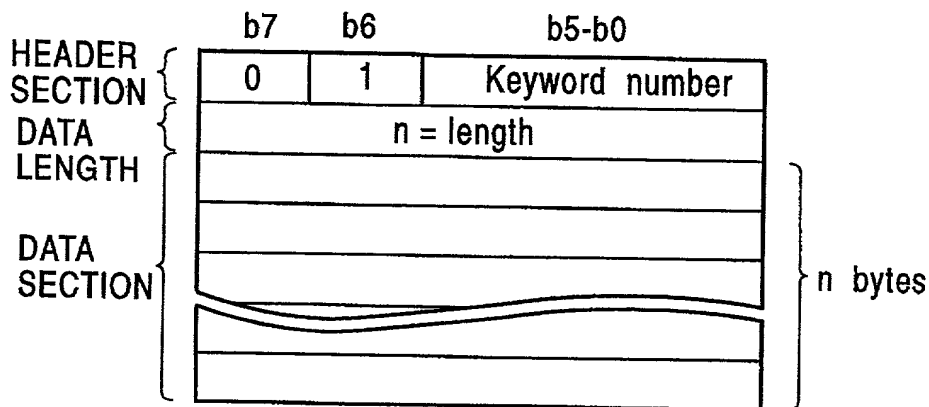


FIG. 21

sync	ID	SB Header	AUX DATA	171Kbps	C1 9.0 %	(NUMBER OF SBs) ( % )
			VIDEO DATA	25.764Kbps		113.0 (80.1%)
			AUDIO DATA	399Kbps		
			SEARCH DATA	1,710Kbps		
			C2			
					18 (12.8%)	
141 (100%)						



FIG. 22

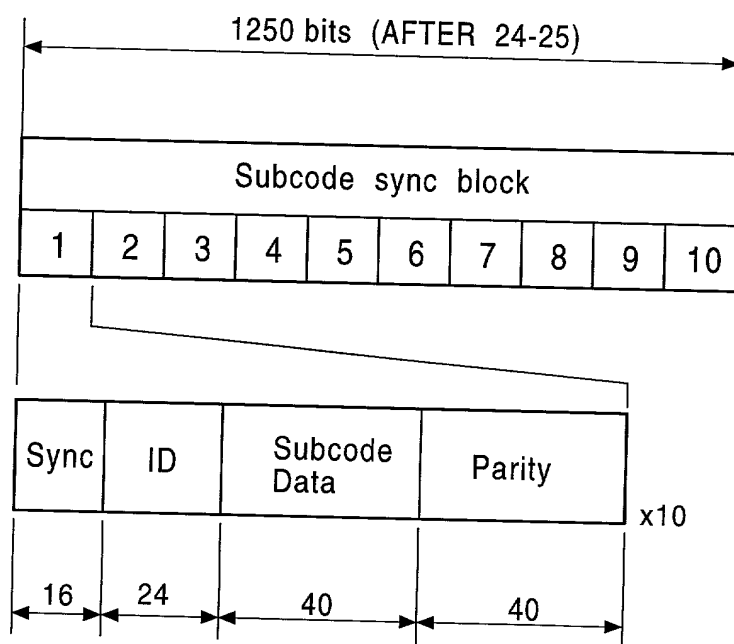


FIG. 23

ID0		ID1		ID2
b7-b5	b4-b0	b7-b4	b3-b0	
F_type	Track pair Num (0-31)	Reserved	SB No. (0)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (1)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (2)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (3)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (4)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (5)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (6)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (7)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (8)	OverWrite Protect
F_type	Track pair Num (0-31)	Reserved	SB No. (9)	OverWrite Protect

FIG 24A

SUBCODE DATA	
1	ATNF (ATN + FLG)
2	TTC
3	REC DATE
4	REC TIME
5	ATNF (ATN + FLG)
6	TTC
7	REC DATE
8	REC TIME
9	ATNF (ATN + FLG)
10	TTC

FIG 24B

SUBCODE DATA	
1	ATNF (ATN + FLG)
2	TTC
3	PART No.
4	CHAPTER START
5	ATNF (ATN + FLG)
6	TTC
7	PART No.
8	CHAPTER START
9	ATNF (ATN + FLG)
10	TTC

FIG. 25

ID0												ID1				ID2	DATA SECTION 1 PACK (5B)	DATA SECTION 1 PACK (5B)	DATA SECTION 1 PACK (5B)	Pre Rec Tape
b7	b6	b5	b4	b3	b2	b1	b0	b7	b6	b5	b4	b3-0				1st half (0-4 track)	1st half (2-9 track)	(0-9 track)		
FR	AP3			Absolute track No. (23bi)									LSB		BF	SB No. (0)	ID parity	Option Area	Option Area	
FR	I	S	P	MSB									Absolute track No. (23bi)		SB No. (1)	ID parity				
FR	I	S	P										SB No. (2)		ID parity					
FR	I	S	P	Absolute track No. (23bi)									LSB		BF	SB No. (3)	ID parity	TTC	TTC	
FR	I	S	P	MSB									Absolute track No. (23bi)		SB No. (4)	ID parity	TTC	REC DATE	PART NO.	
FR	I	S	P										SB No. (5)		ID parity	SB No. (6)	ID parity	TTC	REC TIME	CHAPTER START
FR	AP3			Absolute track No. (23bi)									LSB		BF	SB No. (7)	ID parity	Option Area	Option Area	
FR	I	S	P	MSB									Absolute track No. (23bi)		SB No. (8)	ID parity				
FR	I	S	P										SB No. (9)		ID parity	SB No. (10)	ID parity			TTC
FR	I	S	P	Absolute track No. (23bi)									LSB		BF	SB No. (11)	ID parity	TTC	CHAPTER START	

FIG. 26

bit	FLG	DESCRIPTION
b7	I	Index ID
b6	—	Reserved
b5	P	PP ID (still/motion Picture change Point)
b4	EH	Edit Header ECC block is here
b3	↑ EPO ↓	Edit Picture Header Offset (0-15)
b2		
b1		
b0		

FIG. 27

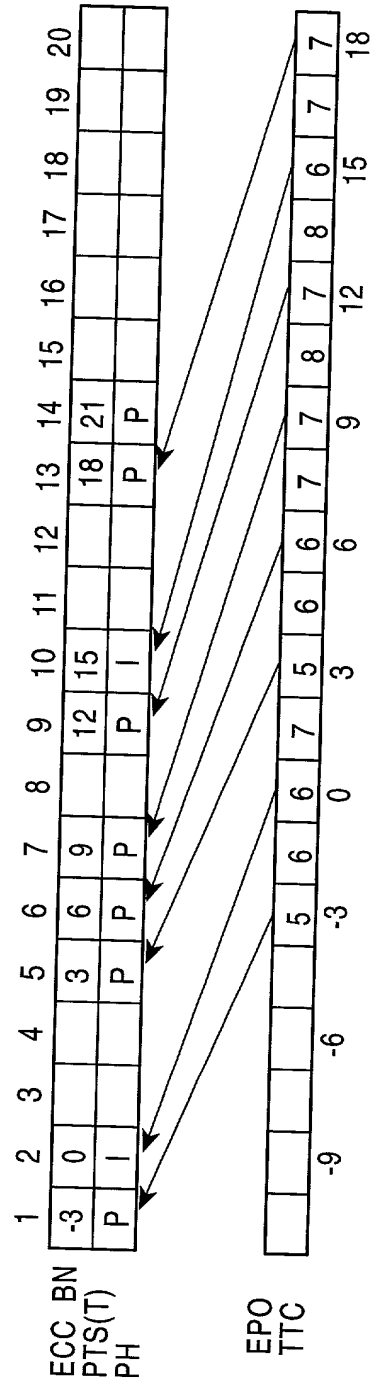


FIG. 28

DESCRIPTION	NUMBER OF BYTES	ECCTB	DATA
ECCTB Packet Header	1	○	80
Length	1	○	74
ATNF (ATN + FLG)	4	○	
upper digits of Track pair Number	3	○	
TTC	4	○	
Binary group	4	○	
date/time original	8	○	
last modify	8	○	
generation Number	1	○	
FLG (EPO + FLG) history	10	○	
EDIT HEADER MAP	12	—	
Header Table Number	1	○	
1st Edit Header			
DATA - H (4bits)	0.5	○	
Position (TRK/SB)	0.5	○	
VBV	2	○	
last Edit Header			
DATA - H (4bits)	0.5	○	
Position (TRK/SB)	0.5	○	
VBV	2	○	
last Header			
DATA - H (4bits)	0.5	○	
Position (TRK/SB)	1.5	○	
Edit status (representing edit point)	1	○	
ECC SB MAP	10	—	
PES-VIDEO	1.5	○	
PES-AUDIO	1.5	○	
SEARCH	1	○	
AUX	1.5	○	
TS-1H	1.5	○	
TS-2H	1.5	○	
NULL	1.5	○	
SEARCH DATA MODE	1	○	
video mode	4	○	
audio mode	3	○	
Reserved (for ECCTB)	19	○	
TOTAL		93	

} upper digits of Track  
pair Number  
(TTC Track Phase)

} record subcode data  
in amount corresponding  
to 10 frames (100 tracks)

FIG. 29

## AUDIO MODE

AUDIO FRAME SIZE	3bit
SAMPLE FREQ	3bit
QUANTIZATION	3bit
AUDIO CHANNEL MODE	3bit
AUDIO COMP MODE	3bit
AUDIO CONTROL MODE	8bit
<hr/>	
TOTAL	23bit

FIG. 30

## VIDEO MODE

VIDEO RATE	24bit
VIDEO FRAME FREQ	3bit
VIDEO MODE	5bit
<hr/>	
TOTAL	23bit



FIG. 31

DATA-H (4bits)	
0: no Picture	8: RES-END
1: I-Picture	9: AUD
2: B1-Picture	10: AUX
3: B2-Picture	11: Reserved
4: P-Picture	12: Reserved
5: Copy Picture	13: Reserved
6: V-END	14: Reserved
7: A-END	15: Reserved

FIG. 32

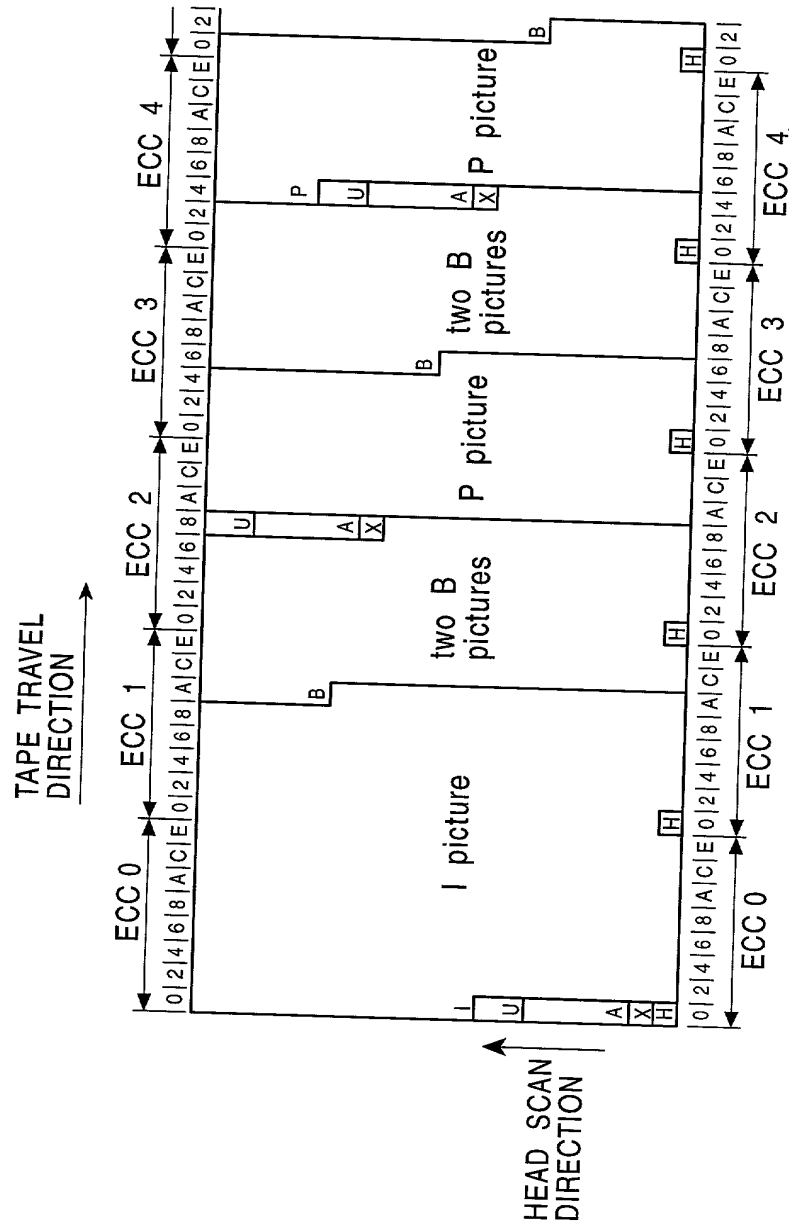


FIG. 33

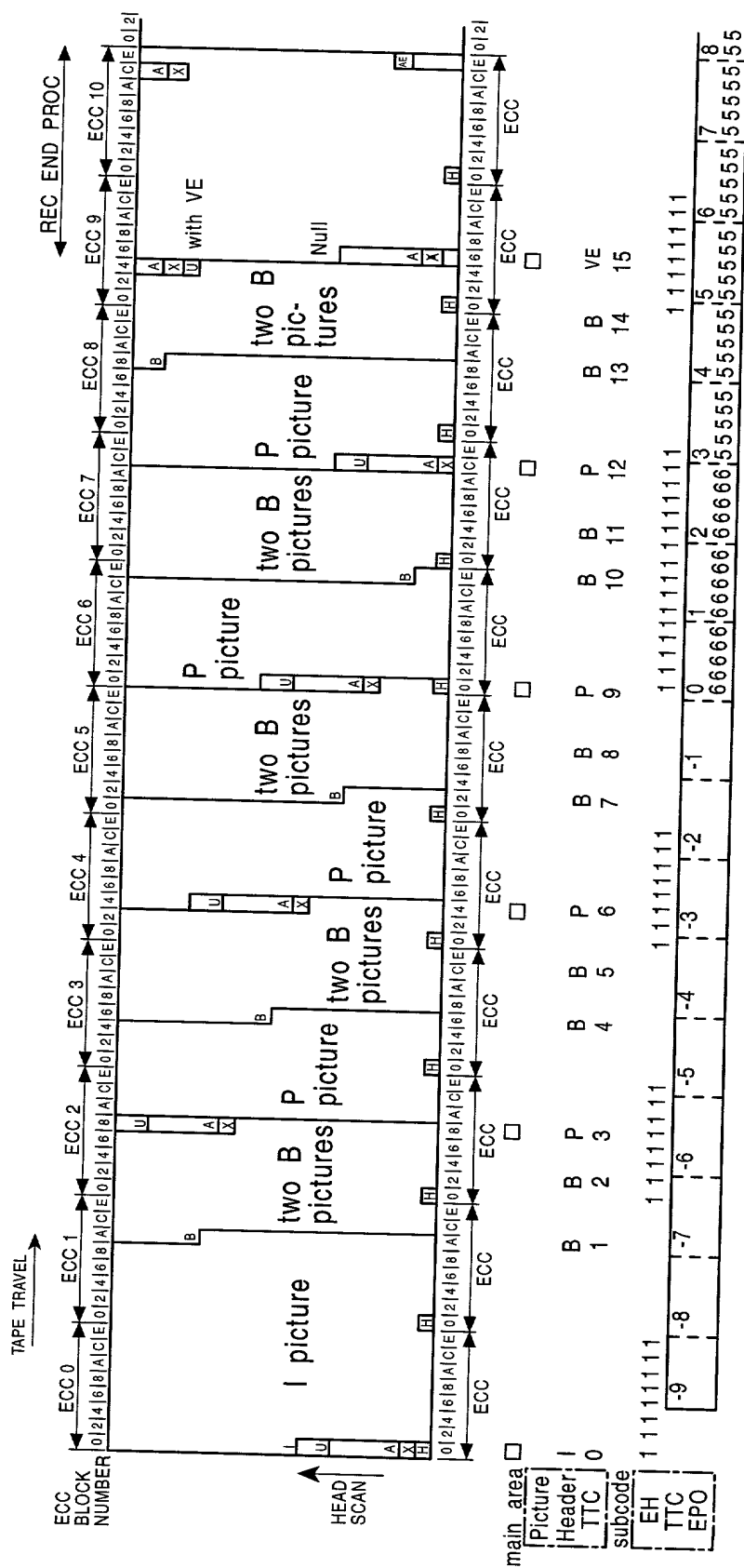


FIG. 34

DESCRIPTION	NUMBER OF BYTES	U/X	ECCTB	Sub-Code	REMARKS
ATNF (ATN + FLG)	4		○	○	
EXTENDED Track Pair Number	3		○		UPPER DIGITS OF TRACK PAIR NUMBER
TTC	4	○	○	○	
Binary group	4	○	○	○	
data/time original	8	○	○		
last modify	8	○	○	○	
generation Number	1	○	○		
FLG (EPO+FLG) history	10		○		IN AMOUNT CORRESPONDING TO 10 FRAMES
EDIT HEADER MAP	10		○		
ECC SB MAP	12		○		
Closed caption	10	○			4 byte/Frame
SEARCH DATA mode	1		○		
video mode	4	○	○		
audio mode	3	○	○		
Video Edit info	40	○			
Vidio Frame aux	40	○			
Audio Edit info	40	○			
Audio Frame aux	40	○			
UMID	65	○			
MESSAGE (text/compression)	1500	○			NUMBER OF VARIABLE CHARACTERS
Reserved (FOR VAux)	138	○			
Reserved (FOR ECCTB)	21		○		
TOTAL		1,907	93	20	

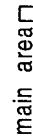
[illegible]

FIG. 36

